

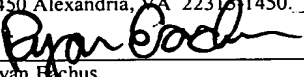
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on September 29, 2005 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EV615716782US, addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22312-1450.

Attorney Docket No.: HCI1P001

First Named Inventor: AGAH, Ramtin

  
Ryan Echus

**TRANSMITTAL LETTER FOR A PCT INTERNATIONAL APPLICATION ENTERING THE NATIONAL STAGE IN THE U.S. AS A DESIGNATED or ELECTED OFFICE UNDER 35 USC 371**

Mail Stop PCT  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith are the papers required to enter the national stage in the U.S. as a designated office/elected office for the following PCT international patent application:

**INTERNATIONAL APPLICATION NUMBER: PCT/US2004/010405**

**Int'l Filing Date: April 5, 2004**

**1st Priority Date: April 3, 2003**

**Inventor(s): AGAH, Ramtin**

**For: METHODS AND PROBES FOR IDENTIFYING VULNERABLE PLAQUE**

☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f))

The United States Patent Office is: (select one)

- ☐ A Designated Office  
☒ An Elected Office

Enclosures:

- ☒ A copy of the international application (if this line is not checked, the international application was previously communicated by the International Bureau or the international application was originally filed in the U.S. PTO).
- ☐ An English Translation of the International Application
- ☐ A Combined Declaration and Power of Attorney
- ☐ A copy of amendments made under PCT Article 19
- ☐ A translation of amendments made under PCT Article 19
- ☐ A copy of the amendments made under PCT Article 34 (annexes to the international preliminary examination report)
- ☐ A translation of amendments made under PCT Article 34 (annexes to the international preliminary examination report)
- ☐ Information Disclosure Statement with Form 1449 and cited references
- ☐ An Assignment of the Invention to: .  
(with \$40.00 recordal fee)

- ☐ A Preliminary Amendment
- ☐ A copy of the International Search Report
- ☐ A copy of the Preliminary Examination Report
- ☐ A Substitute Specification ☐ Marked up copy of Substitute Specification
- ☒ Statement Accompanying Sequence Listing and Sequence Listing and Statement
- ☒ General Power of Attorney
- ☒ Change of Name of Agent and Attorney Reference Number

**Fee Calculation:**

<input checked="" type="checkbox"/>	Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.	
<input checked="" type="checkbox"/>	Basic National Stage Fee	\$150.00
<input checked="" type="checkbox"/>	National Stage Search Fee	\$50.00
<input checked="" type="checkbox"/>	National Stage Examination Fee	\$100.00
<input type="checkbox"/>	Surcharge for filing a late oath or declaration or late translation (\$130/65)	\$
<input type="checkbox"/>	Assignment recordation fee (\$40)	\$
<input type="checkbox"/>	Multiple dependent claims (\$360/180)	\$
<input type="checkbox"/>	Excess claims - see calculation below	\$
Total Claims: 09- 20 = 00 X \$50/25 claim = \$		
Independent Claims: 03- 3 = 00 X \$200/100 ind. claim = \$		
Excess Claim Total \$		
<b>TOTAL FEES</b>		<b><u>\$300.00</u></b>

☒ Check No. 1115 in the amount of \$300.00 is enclosed cover the filing fees (including the basic national fee under 37 CFR 1.492(a)) as calculated above.

☒ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 500388 (Order No. HCI1P001).


General Authorization for Petition for Extension of Time (37 CFR §1.136)

☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 500388 (Order No. HCI1P001).

☒ Please send correspondence to the following address:

**Customer Number 022434**

Date: September 29, 2005

  
Jeffrey K. Weaver  
Registration No. 31,314